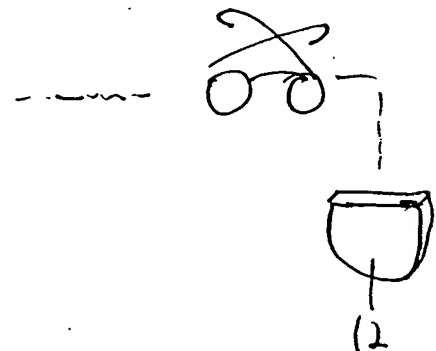


Figure 12



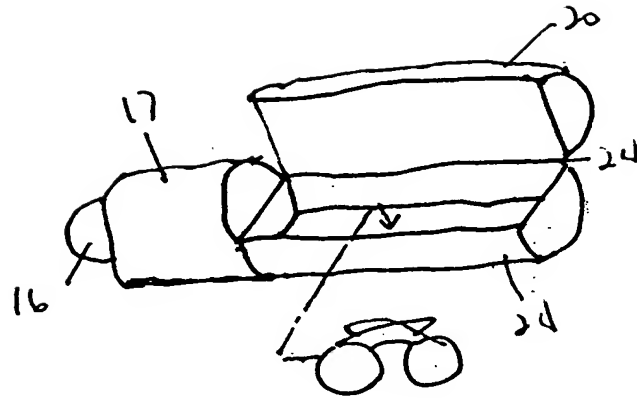


Figure 6

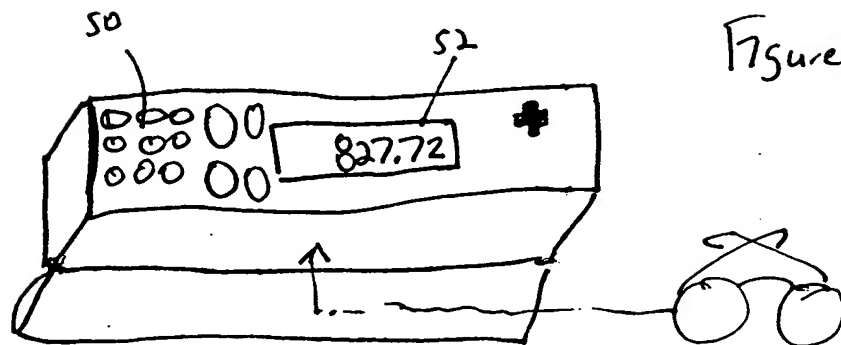


Figure 13

Figure 8 10

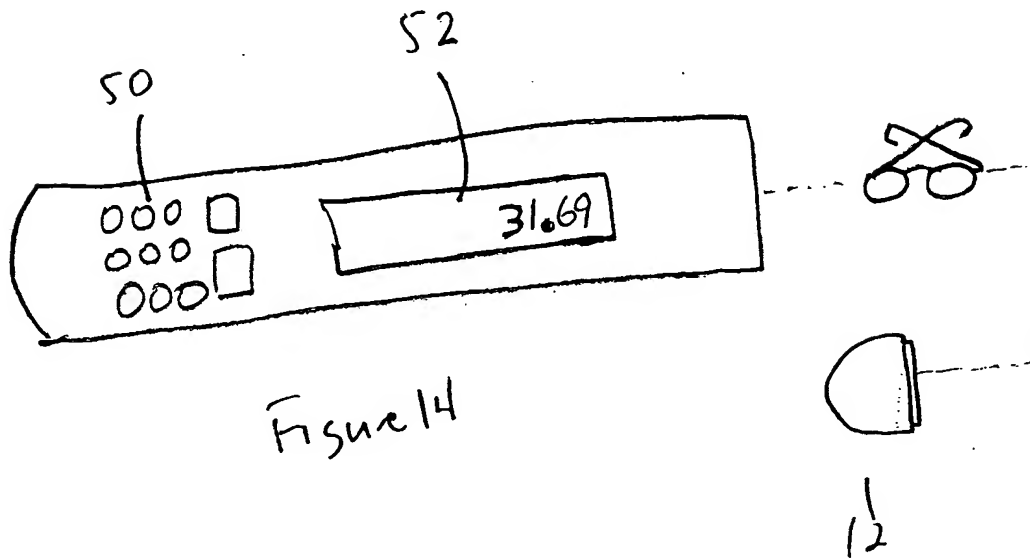
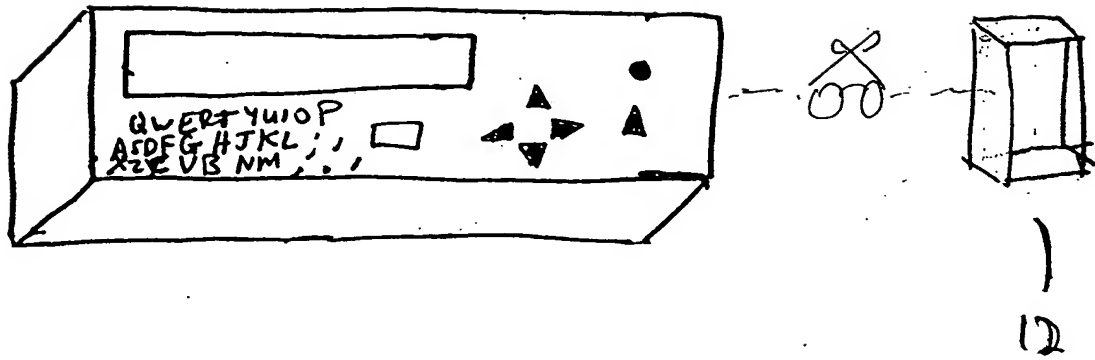


Figure 14

FOOTNOTES

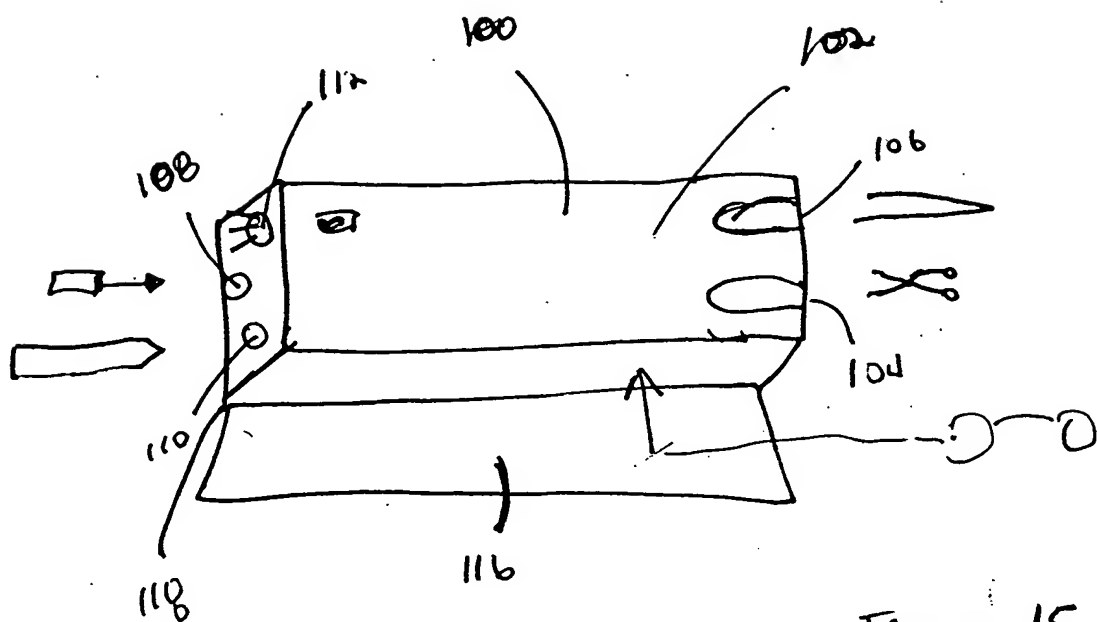


Figure 15

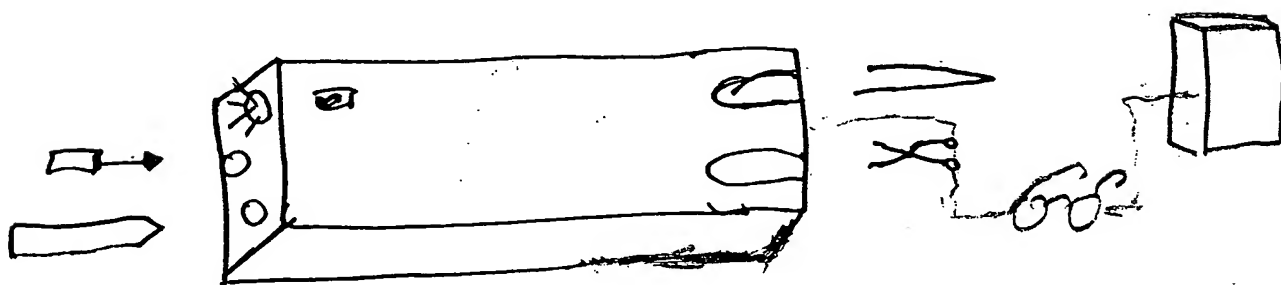


Figure 16

Downloaded from www.ascelibrary.org

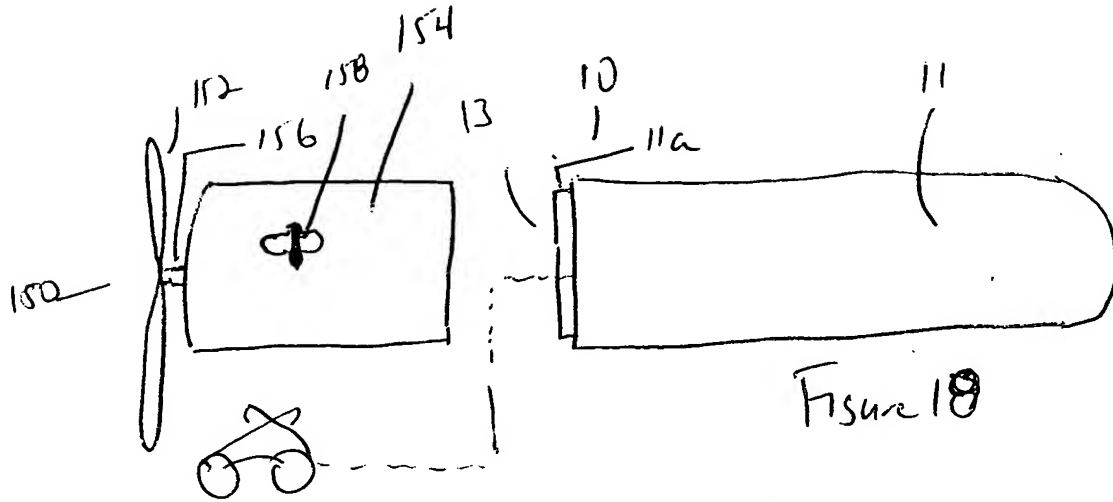


Figure 18

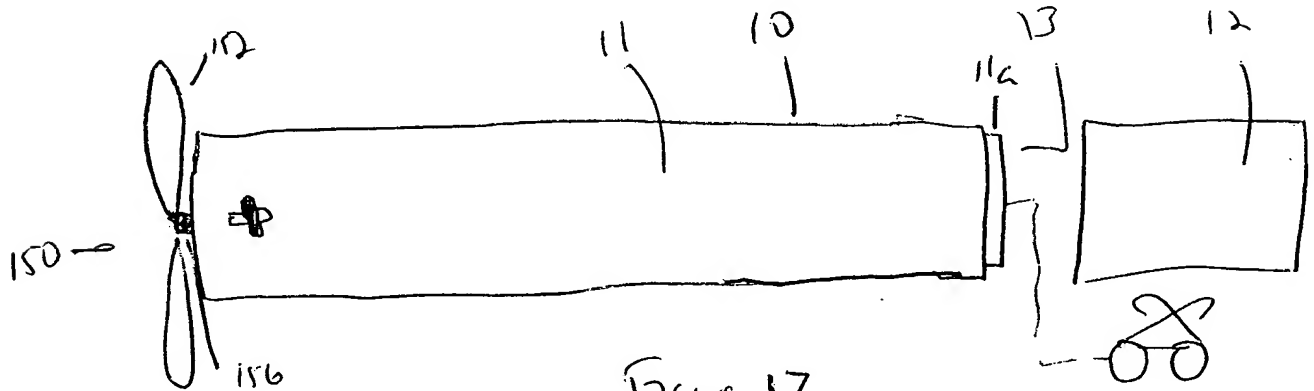


Figure 17

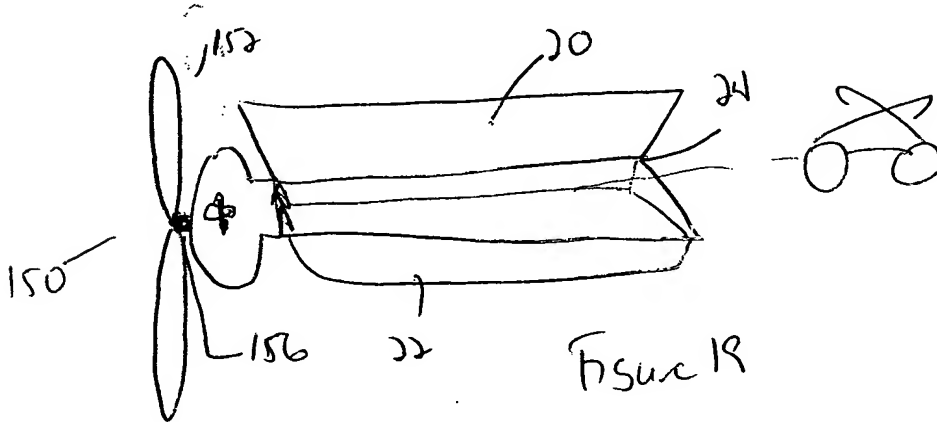


Figure 19